

# Iowa Crops & Weather



Iowa Agricultural Statistics  
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For the week ending August 15, 2004

## Cool, Dry Week

Agricultural Summary: Unusually cool, dry weather across the state was blamed for a slowdown on crop maturity. Producers called for rain and heat units. There were scattered reports of white mold (in some cases severe) in soybean fields as well as symptoms of sudden death syndrome, especially on early planted beans.

There were 6.4 **days suitable for fieldwork**, compared to 4.6 days the previous week and 6.8 days last year at this time. **Topsoil moisture** rated 3 percent very short, 20 percent short, 74 percent adequate, and 3 percent surplus across Iowa. **Subsoil moisture** rated 2 percent very short, 14 percent short, 79 percent adequate, and 5 percent surplus.

Field Crops Report: The **corn acreage in or past the milk stage** was 83 percent, compared to 80 percent last year, and the 5-year average of 86 percent. The **corn acreage in or past dough stage** was 44 percent. The **corn acreage in or past the dent stage** was 9 percent. **Corn condition** was rated 2 percent very poor, 6 percent poor, 18 percent fair, 48 percent good, and 26 percent excellent. **Soybean acreage setting pods** was 92 percent, compared to 87 percent last year and the 5-year average of 91 percent. **Soybean condition** was rated 2 percent very poor, 7 percent poor, 19 percent fair, 49 percent good, and 23 percent excellent. The **third cutting of alfalfa** was 45 percent complete. **Hay condition** was rated 1 percent very poor, 5 percent poor, 21 percent fair, 53 percent good, and 20 percent excellent.

Livestock, Pasture, and Range Report: Overall, livestock conditions

were good and pasture conditions for this time of year were again reported to be better than normal. **Pasture and range condition** was rated 1 percent very poor, 7 percent poor, 22 percent fair, 54 percent good, and 16 percent excellent.

## Iowa Weather Summary

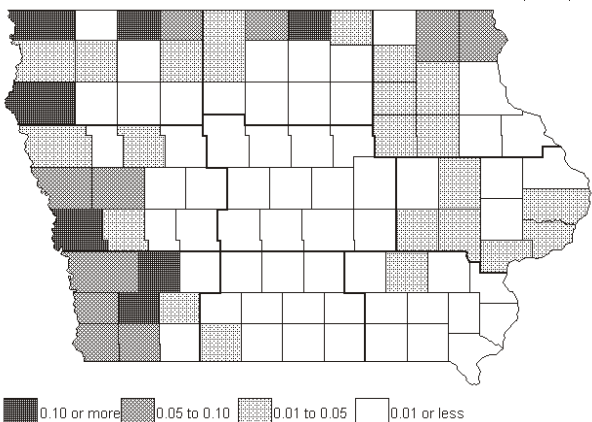
It was a very cool and dry week across Iowa. The work week began with afternoon highs in the 80's across southeast Iowa on Monday (9th) while 70's prevailed across the northwest. Temperatures failed to reach the 80 degree mark anywhere in Iowa after Monday. Daytime highs were mostly in the 60's on Tuesday (10th), Wednesday (11th) and Thursday (12th) with a few locations in the northeast only in the upper 50's. Highs were back into the 70's statewide over the weekend. Temperature extremes for the week ranged from a Monday (9th) afternoon high of 87 degrees at Burlington down to a Saturday (14th) morning low of only 39 degrees at Waterloo. Temperatures for the week as a whole averaged 12.5 degrees below normal, Iowa's coldest week in 13 weeks (mid-May).

No measurable precipitation was recorded during the week at most reporting stations. An area of light rain edged into far western Iowa on Thursday (12th) morning bringing a maximum of 0.29 inches of rain at Akron. Another area of showers and thunderstorms slipped into far northern Iowa on Sunday (15th) night into Monday (16th) morning with Northwood reporting the most rain with 0.29 inches. The statewide average precipitation was 0.02 inches while normal for the week is 0.96 inches. This was Iowa's driest week in 18 weeks (early April).

Statewide Crop Conditions as of August 15, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	6	18	48	26
Hay, all	1	5	21	53	20
Range & Pasture	1	7	22	54	16
Soybeans	2	7	19	49	23

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., AUG. 16, 2004 (inches)



Field Work and Crop Progress as of August 15, 2004

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Corn in or past milk stage	72	79	79	86	89	87	84	89	90	83	66	80	86
Corn in or past dough stage	30	35	35	41	65	45	53	44	64	44	21	38	49
Corn in or past dent stage	10	2	6	4	14	5	15	15	16	9	NA	5	13
Soybeans setting pods	90	95	94	92	91	90	95	87	89	92	85	87	91
Hay, alfalfa - third crop harvested	66	36	44	44	45	57	67	25	55	45	20	44	36

NA = Not available.

Days Suitable & Soil Moisture Condition as of August 15, 2004

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	6.6	6.2	5.8	6.7	6.3	6.5	6.2	6.6	6.5	6.4	4.6	6.8
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	4	0	0	6	0	5	2	1	11	3	1	39
Short	28	22	11	28	8	35	12	14	19	20	8	41
Adequate	66	68	85	64	89	60	81	84	68	74	79	20
Surplus	2	10	4	2	3	0	5	1	2	3	12	0
Subsoil moisture												
Very short	2	2	0	5	0	4	2	2	0	2	1	25
Short	14	12	9	23	5	20	9	9	22	14	9	42
Adequate	82	73	73	72	91	75	85	87	76	79	79	33
Surplus	2	13	18	0	4	1	4	2	2	5	11	0

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, August 15, 2004										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	83	43	59	-11	0.00	-0.84	17.31	1.86	66	-72
	84	41	60	-13	0.01	-0.73	15.51	0.09	73	-80
	85	41	60	-12	0.00	-0.91	13.98	-2.28	71	-77
	76	46	59	-12	0.15	-0.67	16.46	1.09	67	-98
Britt Humboldt Mason City Northwood	North Central District									
	80	43	59	-13	0.00	-0.77	20.44	3.29	67	-83
	78	46	59	-13	0.00	-0.85	18.03	0.45	67	-85
	81	42	58	-13	0.00	-0.91	30.36	12.51	62	-83
	79	44	58	-13	0.42	-0.56	29.03	11.86	58	-87
Decorah Dubuque Elkader Independence Waterloo	North East District									
	81	42	61	-12	0.36	-0.55	29.52	12.06	77	-74
	79	45	61	-11	0.00	-1.05	15.22	-3.11	77	-67
	81	43	60	-12	0.39	-0.59	23.69	6.30	71	-94
	81	40	59	-12	0.31	-0.73	24.25	5.55	66	-104
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	80	43	59	-16	0.00	-0.78	23.77	6.24	63	-102
	86	47	62	-11	0.00	-0.84	16.36	-2.45	84	-68
	85	47	62	-12	0.01	-0.77	12.44	-3.89	83	-68
	83	42	61	-12	0.00	-0.96	23.20	5.20	77	-81
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	81	42	61	-11	0.00	-0.98	21.66	2.22	76	-72
	81	44	61	-12	0.03	-0.88	17.81	-0.99	77	-75
	81	48	63	-12	0.00	-0.97	20.71	3.41	95	-78
	81	45	60	-12	0.01	-0.97	19.00	0.15	74	-77
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	80	42	59	-12	0.00	-1.05	18.69	0.12	66	-81
	83	47	62	-12	0.00	-0.84	21.09	3.45	83	-77
	82	45	61	-11	0.00	-0.91	19.98	2.15	80	-72
	81	44	60	-12	0.00	-1.05	15.93	-2.98	73	-77
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	81	43	60	-13	0.03	-0.88	15.93	-1.56	74	-79
	81	42	60	-14	0.00	-0.98	18.20	0.91	71	-94
	83	43	62	-13	0.03	-0.95	18.45	-0.93	86	-85
	84	40	60	-12	0.00	-1.05	20.41	1.07	72	-84
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	81	43	59	-13	0.00	-0.98	17.94	0.62	67	-82
	81	45	61	-14	0.02	-0.87	17.11	-1.06	79	-66
	81	44	62	-12	0.02	-0.96	18.84	-0.92	85	-78
	83	44	62	-13	0.10	-0.74	16.69	-1.37	85	-84
Bloomfield Burlington Ottumwa	South East District									
	82	46	62	-11	0.03	-0.81	22.07	4.58	83	-68
	82	46	63	-12	0.10	-0.83	18.37	-1.11	95	-78
	83	52	64	-11	0.11	-0.87	17.82	-0.72	97	-74
	80	47	61	-13	0.00	-0.91	20.53	2.17	80	-55
Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.	South Central District									
	78	46	62	-12	0.00	-0.87	16.51	-1.37	83	-80
	82	44	62	-12	0.00	-0.85	19.33	0.61	84	-79
	81	47	62	-11	0.00	-0.84	21.84	3.79	90	-69
	81	47	63	-12	0.05	-0.96	22.53	4.00	90	-75
Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.	South East District									
	82	48	63	-12	0.00	-0.98	20.72	2.16	90	-80
	87	46	63	-12	0.07	-0.77	12.01	-5.43	94	-72
	81	45	62	-13	0.00	-0.84	15.34	-2.03	82	-90
	81	45	62	-13	0.00	-0.84	15.34	-2.03	82	-90

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